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Attorney's Docket No.: 11283-019US1
Client's Ref. No.: PH-935PCT-US

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Number of pages including this page 5

Applicant : Ken-ichi Nakayama et al.
Serial No. : 10/089,014
Filed : March 25, 2002

Art Unit : 1652
Examiner : Manjunath N. Rao

Title : GDP-4-keto-6-deoxy-D-mannose-3, 5-epimerase-4-reductase gene derived from
Arabidopsis thaliana

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Examiner Rao:

As you requested in our telephone conversation this morning, I am sending you the enclosed
Status Inquiry and a set of the pending claims amended as you suggested in our telephone
conversation on October 26, 2006.

Date: October 30, 2006

Respectfully submitted,

Stuart Macphail

Stuart Macphail, Ph.D., J.D.
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Applicant : Ken-ichi Nakayama et al. Art Unit : 1652
Serial No. : 10/089,014 Examiner : Manjunath N. Rao
Filed : March 25, 2002 Conf. No. : 9140
Title : GDP-4-KETO-6-DEOXY-D-MANNOSE-3, 5-EPIMERASE-4-REDUCTASE
GENE DERIVED FROM ARABIDOPSIS THALIANA

Commissioner for Patents
P.O. Box 1450
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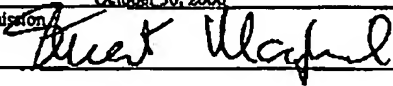
STATUS INQUIRY

Applicants respectfully inquire as to the status of the above application. The application was filed on March 25, 2002, and prosecution was suspended on October 7, 2004, June 30, 2005, and January 31, 2006.

Enclosed is a list of the pending claims amended as suggested by the Examiner in a telephone conversation with Applicants' undersigned representative on October 26, 2006.

CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

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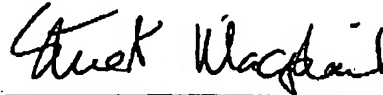
Applicant : Ken-ichi Nakayama et al.
Serial No. : 10/089,014
Filed : March 25, 2002
Page : 2 of 2

Attorney's Docket No.: 11283-019US1 / PH-935PCT-
US

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Attorney Docket No. 11283-019US1.

Respectfully submitted,

Date: 10/30/06



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U.S. Application Serial No. 0/089,014
Attorney Docket No. 11283-019US1

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Pending claims including amendments suggested by the Examiner on October 26, 2006

1. - 2. (Cancelled)
3. (Currently amended) An isolated DNA comprising ~~[[a]]~~ the nucleotide sequence represented by SEQ ID NO: 2.
4. (Previously presented) An expression vector which comprises the DNA of claim 3.
5. (Currently amended) ~~A transformant which is~~ An isolated host cell transformed with the expression vector of claim 4.
6. (Original) A process for producing GDP-4-keto-6-deoxy-D-mannose-3, 5-epimerase-4-reductase, which comprises culturing the transformant of claim 5 in a medium and collecting GDP-4-keto-6-deoxy-D-mannose-3, 5-epimerase-4-reductase from the obtained culture.
7. (Currently amended) ~~A transformant which is~~ An isolated host cell transformed with:
(a) the expression vector of claim 4; and (b) an expression vector comprising DNA encoding GDP-D-mannose-4, 6-dehydratase produced by strain W303/YEp-MUR1-HA (FERM BP-7107).
8. (Original) A process for converting GDP-D-mannose into GDP-L-fucose using the transformant of claim 7.
9. (Original) A process for producing GDP-L-fucose which comprises culturing the transformant of claim 7 together with GDP-D-mannose in a medium, and collecting GDP-L-fucose from the obtained culture.

10. (Previously presented) The transformant of claim 7, the transformant being strain W303/YEp-MUR1-HA, pYO-AtFX-Myc (FERM BP-7108).

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